

Work Order (Bid Form)

Knoxville/Knox County Community Action Committee



WORK ORDER INFORMATION

Work Order Name: WO/80008KN0582/1 Work Order Type: Weatherization

Audit Name: 80008KN0582-Audit

CLIENT INFORMATION

Client Name:

Address:

Client ID: 80008KN0582

Alt. Client ID: knox

<u>AGENCY INFORMATION</u>

Agency: Knoxville/Knox County CAC

Address: P.O.Box 51650

Knoxville, TN 37950-1650

Agency Phone: (865) 244-3080

Fax: (865) 544-1647

Email Address: jason.estes@cachousing.org

Company Name & License I	umber:
Contractor's Signature:	

COMMENT

Single Family Dwelling

Contractor to follow 2006 International Residential Code as adopted by the City of Knoxville or Knox County as applicable.

City

House built in 1947

An EPA Certified Firm/Renovator is required.

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Measures

	c A	hange: .ppend	en by homeowner or sand s allowed. Contractor to ve ix A- Standards for Weath All keys given to home ow	erify if hor erization	me ha Mater	s an egress o ials and Sout	door. Re	fer to		
#	Material / La	ahar	Description / Occurrent			Estimated			Actual	· max
1	_	abor	Description / Comment Patio Door	<i>Units</i> Each	Qty 1	Unit Cost	Total	Qty	Unit Cost	Total
			door installed in place of sliding glass door. Remove old door before installing new door. A door is installed as a complete unit. A door is inclusive of weatherstripping, door lock, deadbolt, door stop, hinges, threshold, facing, strike plate, trim, jambs, paint(1st quality semigloss color to be chosen by homeowner or sand/staind/seal), peep hole, caulk, nailers. No changes allowed. Contractor to verify if home has an egress door. Refer to Appendix A-Standards for Weatherization Materials and Southeast Field Guide. All keys given to home owner not anyone else.							
2	Labor		Labor	Each	1					

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Other Detail								
						7		
		<u> </u>	Meas	ure Sub Total:]]	Sub Total:	
Field Notes:				797				

Measure 2 Infi	tration Redctn			Componer	nts			Inspected
perform A house ORDEF "Open" 50 PA Seal al return.w Living F Dining F Kitchen OtherSt Bdrm1S Bdrm2S Bath1St Bdrm3S	e air infiltration with 32 responsibility of the core and with a Blower Door. It must not be brought be must not be brought be for air seals below the Ring, Front Door, 6780 plumbing penetrations. Weatherstrip & door sweet comSupply1.2 RoomSupply1.3 Supply0.8 supply0.8 supply0.5 supply0.6 upply0.6 upply12.7 upply0.7	ntractor to f Contractor elow 1500 targeted #. CFM @ 56	ind the must cfm @ D pase supply	e air leaks. T meet or exce \$ 50 pascals. cals. Target is r registers.ma	his is bes eed the ta No CHA s 3580 (st argeted NGE CFM @		
Living R	oomSupply1.2			Estimated	,		A . 4 4	
# Material / Labor	Description / Comment	Units	Qty	Unit Cost	Total	Qty	Actual Unit Cost	7-4-1
1 Miscellaneous Su	Infiltration Reduction	Each	32		r Otal	wiy		Total
2 Labor	labor	Each	32					
Other Detail							J [
					.			

		<u> </u>	Measur	e Sub Total:		<u> </u>	Sub Total:	
Fleld Notes:			****			***	L	

								J

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Measu Comme		H Pipe Insulation			Componen	ts		te. vimitik	Inspected
					Estimated	ı		Actual	
# Materi	al / Labor	Description / Comment	Units	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1 Insula	tion	DHW Pipe Insulation	Each	1					
		Includes labor cost. All corners must be cut properly. Refer to Appendix A- Standards for Weatherization Materials and Southeast Field Guide.							
2 Labor		DHW Pipe Insulation	Each	1					
Other De	tall								,
				Measur	e Sub Total:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	S	Sub Total:	
Field No	otes:							E	
111110									
	_								

Measure 4 Du	ct Insulation			Componen	ts			Inspected
tape. N	tion must be a minimum o lo changes allowed. Refer als and Southeast Field G	to Appen	dix A-	Standards for	or Weathe insulating	rizatio	n <i>Actual</i>	
# Material / Labor	Description / Comment	Units	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1 Insulation	Duct Insulation	SqFt	32					
	Includes labor cost. Contractor must use a minimum of R-6 insulation. All foil tape should be free of bubbles. Refer to Appendix A- Standards for Weatherization Materials and Southeast Field Guide.				1			
2 Labor	Duct Insulation	SqFt	32					
Other Detail					····			
					.,,,,			
			Measure	e Sub Total:		s	ub Total:	7
Field Notes:			•••			.,,,,,,,		
								-

Report Run On: 5/8/2010

	Measure	5 S	torm Windows			Compone	ents e3		,,,,,,	Inspected	
C	Comment	meas	udes labor and material. Refe surements. Responsibility of e ordering window(s). Contra ng, and any other related ite	contract actor to	tor to ve include	rify measu the therma	rements in Il break, ca measure.	the field ulking,	the field ulking, <i>Actual</i>		
#	Material /	Labor	Description / Comment	Units	Qty	Unit Cost	Total	Qty	Unit Cost	Total	
1	Windows		Storm Window	Each	1						
			Includes labor and material. Refer to House diagram for estimated measurements. Responsibility of contractor to verify measurements in the field before ordering window(s). Contractor must follow all egress codes if applicable. Contractor to include the thermal break, caulking, framing, and any other related items to convey a completed measure.								
?	Labor		Storm Window	Each	1						
0	ther Detall						W-1			····	
		****			Mossura	Sub Total:		L .9	ıb Total:		
Γ.	Field Notes		77. 77.			oub rotar.			io rotar.		
	- 1312 110103	•									

Report Run On: 5/8/2010

	Measure 6 DWI	ł Tank Insulation			Componen	ts			Inspected
C	comment extend p	pressure relief pipe as ne	eded		•				Ė
					Estimated			Actual	
#	Material / Labor	Description / Comment	Units	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Hot Water Equipm	DHW Tank Insulation	Each	1					
		Includes labor cost. R-10 minimum. Refer to Appendix A- Standards for Weatherization Materials and Southeast Field Guide.							
2	Labor	DHW Tank Insulation	Each	1					
(Other Detail								
				Measur	e Sub Total:		S	ub Total:	
	Fleld Notes:	**************************************	170.2					L	
L		<u> </u>							Ī

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	Measure	7 A	tic Ins. R-19			Componer	nts a1			Inspected
C	Comment	attic s acces soffit insula silicor acces Grade	des labor cost. Contractor to pace showing depth of insues. Install baffles as needed and covering vent. Seal alloting. Seal around chimney ne or fire resistant foam. In a sand weather strip with foat 1 Standards. Refer to Appials and Southeast Field Guide.	ulation. But to prevented to prevented to prevente to	uild inst nt loose aps, and et meta fibergl Contrac	ulation dam if fill insulation d penetration and high to ass batt sec- ctor to install	around a on from e ns in attic emperatu cured to a I using R	attic entering c before ire attic esnet	}	
						Estimated	<u> </u>		Actual	
#	,		Description / Comment	Units	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Insulation	n	Attic Insulation - Blown Fiberglass - R-19	SqFt	1456					
2	Labor		Attic Insulation - Blown Fiberglass - R-19	SqFt	1456					- 100
2	Other Detai	<i></i>								
L										
					Measur	sub Total:] :	Sub Total:	
	Field Note	s:								

Measure 8 Sma	ırt Thermostat			Componen	ts			Inspected
rnermo	nermostat. Must be equal stat (must submit equival client on operation of the	ent to Ho	well's i using [PRO 4000 P	rogramm	able Must		
			*	Estimated			Actual	
# Material / Labor	Description / Comment	Units	Qty	Unit Cost	Total	Qty	Unit Cost	Total
 Heating Equipmen 	Smart Thermostat	Each	1					
	Includes labor cost. Must be equal to Honeywell's PRO 4000 Programmable Thermostat. Must be installed by a qualified technician. Must train homeowner on operation of thermostat. Refer to Appendix A- Standards for Weatherization Materials and South East Field Guide.							
2 Labor	Smart Thermostat	Each	1					
Other Detail					1			
		1						
					! لــــــــــــــــــــــــــــــــــــ			
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74		٨	leasure	Sub Total:		S	ub Total:	
Fleld Notes:			W					

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	<i>Measure</i> 9 W	all Insulation			Componen	ts wall 1 3,wall		wall	Inspected
C	Contr Contr install interio up are	des labor cost. Contractor nactor must dense pack insuractor's responsibility to instaling wall insulation. Contractor or exterior if needed while a around house and clean and X- Standards for Weathe.	lation at all wood of stor's resp installing siding off	3.5 pou or Styro onsibil wall ir after n	inds per squifoam plugs i ity to repair v nsulation. Co neasure com	are foot. in holes : vall dam ontractor poleted. I	after age to clea Refer to	n	
					Estimated			Actual	
#	Material / Labor	Description / Comment	Units	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Insulation	Wall Insulation - Blown Cellulose - 2x4 Filled	SqFt	1186					
2	Labor	Wall Insulation - Blown Cellulose - 2x4 Filled	SqFt	1186					
C	ther Detail								
L						*****			*****
		· · · · · · · · · · · · · · · · · · ·		Measure	Sub Total:	,	5	Sub Total:	
	Fleid Notes:		***************************************			7744		L	

	Measure 10 Add	ress Wood Stove/Firep	lace Pres	ent	Componen	ts			Inspected
(Comment t is the r Grade) 1/2" pipe tight fit.	responsibility of the controlling the controlling of the controlling of the conner's e insulation with corners Refer to Appendix A- State Field Guide.	ractor to se choice. In mitred. In	eal fire stall 2 sert in	place openin handles and to fireplace o	g with 1 seal ed	ges wi	th	
					Estimated			Actual	
#	Material / Labor	Description / Comment	Units	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Health and Safety	Fire Place Seal	Each	1					
		It is the responsibility of the contractor to plug fireplace with wooden plug and seal with 1/2" plywood painted owner's choice. Caulk must be same color as paint .Refer to Appendix A- Standards for Weatherization Materials and Southeast Field Guide.							
2	Labor	Labor	Each	1		7.			
C	ther Detail						77.000	J L 1 Ł	
Γ	-] [][
	L	7.00		-	0.4 7 4 4				
Γ	Field Notes:	744.	<i>/</i>	reasure	Sub Total:			Sub Total:	
	, idia notas.								

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	Measure 11 CO i	Monitor is Needed			Componen	ts			Inspected
С	omment Refer to Field Gເ	Attachment A- Standard	s for Wea	theriza	-		utheas	st	
					Estimated			Actual	
#	Material / Labor	Description / Comment	Units	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Health and Safety	CO monitor	Each	1					
		Refer to Attachment A- Standards for Weatherization Materials and Southeast Field Guide.					·		
2	Labor	Labor	Each	1					
0	ther Detail					70		<u> </u>	
	.]								
_		***		vieasure	Sub Total:		3	Sub Total:	
	Field Notes:					**	***		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
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	Measure 12 Fix	mproper Venting (Cloth	es Dryer)	Componen	ts	24		Inspected
C	protrudi is 15 fee	ents installed with damper ng through pipe. Must be et. No changes allowed. F rization Materials and Sou	vented to Refer to <i>F</i>	outsio \ttachr	de of home. I nent A- Stan	Maximun	n lenath		
					Estimated			Actual	
#	Material / Labor	Description / Comment	Units	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Health and Safety	Dryer Vent w/ Metal Piping (upto 15' in length)	Each	1		· · · · · · · · · · · · · · · · · · ·			
		Refer to Attachment A- Standards for Weatherization Materials and Southeast Field Guide.							
2	Labor	Labor	Each	1					
0	ther Detail						***************************************		
L									
				Measure	Sub Total:		s	ub Total:	
	Field Notes:								

	Measure 13 Fix Exh	Improper Venting of Ba aust Fan	throom		Componen	ts		====		Inspected
C	Comment Bath Ve Attachm Guide.	nts installed to outside of nent A- Standards for We	f home. No atherizatio	o char on Mai	nges allowed. terials and So	Refer to	o t F	ïeld		
					Estimated				Actual	
#	Material / Labor	Description / Comment	Units	Qty	Unit Cost	Total		Qty	Unit Cost	Total
1	Health and Safety	Bath Vent w/ Piping to Outside	Each	1		****				
		Refer to Attachment A- Standards for Weatherization Materials and Southeast Field Guide.								
2	Labor	Labor	Each	1						***************************************
C	ther Detail						- L		1	<u></u>
							7			
							7	'; 		
		,		Measur	e Sub Total:	,	1 L.]]1	ub Total:	
	Field Notes:	170	****						·	

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Measure 14 Inst	all Bathroom Exhaust	Fan		Componen	ts			Inspected
Comment Exhaust complia	t fan equal to Nutone Mo nt.	odel # 769F	RFT. M	flust be energ	yy star or	Title 2	4	
				Estimated			Actual	
# Material / Labor	Description / Comment	Units	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1 Health and Safety	Bathroom exhaust fan	Each	1					
	Exhaust fan equal to Nutone Model # 769RFT. Must be energy star or Title 24 compliant.							
2 Labor	Labor	Each	1					
Other Detail					I			
			Measur	e Sub Total:		<u> </u>	Sub Total:	
(Wall C omment A Certifie	tice Lead Safe Weathers,Door) ad Firm /Renovator is recopy of Lead Report and	quired to a	dhere	Component to EPA RRP e, during, an	rules N	eed to		Inspected
		-		Estimated			Actual	
Material / Labor	Description / Comment	Units	Qty	Unit Cost	Total	Qty	Unit Cost	Total
Health and Safety	EPA RRP Lead Rules	Each	1					
? Labor	Labor	Each	1					
Other Detail								
			easure	Sub Total:			ub Total:	
Field Notes:	· · · · · · · · · · · · · · · · · · ·			Jan Fotal.			in rotar.	

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	Measure 16 Vap	or Barrier Needed (145	6 sq ft)	,,,,,,,,,,,,	Componen	ts			Inspected
	Comment Must be walls an earth. M	6 mil poly. Must be instand ad support piers. Must be lust be secured at all sea rization Materials and So	alled 100% securely ms. Refe	of cra fastender to Atta	wlspace with ed. Must be achment A-	h 6" turn	down to		
				-	Estimated	•		Actual	
#	Material / Labor	Description / Comment	Units	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Health and Safety	Basement /Crawlspace Vapor Barrier	SqFt	1456		W			
2	Labor	Labor	SqFt	1456					
C	Other Detail								
L									
			1	Measure	Sub Total:		s	ub Total:	
	Field Notes:					The state of the s	I	L	
			Work Or	der Gran	d Total:		Grano	l Total:	